

Client's ref.: 02920006/November 7, 2003  
Our ref.: 0424-9959US/final /Renee/Steve

#### **ABSTRACT OF THE DISCLOSURE**

A carbon nanocapsule thin film and the preparation method thereof. A plurality of carbon nanocapsules are electroplated on a substrate, and the carbon nanocapsule thin film is thereby formed. By electroplating purified carbon nanocapsules on the substrate, the carbon nanocapsule thin film, electric- and heat-conductive, chemical-resistive, and anti-oxidizing, is formed.